EXTERNAL PCMCIA

Hard Disk

User's Manual

FCC COMPLIANCE STATEMENTS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the Distance between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

CAUTION

CHANGE OR MODIFICATIONS NOT EXPRESSLY APPROVED BY PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT.

TRADEMARKS

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*All of the third-party brands and names are the property of their respective owners.

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INTRODUCTION

The PCMCIA hard disk is a portable compact hard disk drive that attached with the PCMCIA interface of computer. The external hard disk provides a fast and easy way to add more storage space to your computer. Plus, the Plug & Play feature gives you a great convenience on the road. The external hard disk can be easily connected to computer for using, and can even be disconnected and re-connected while the computer is running.

SYSTEM REQUIREMENTS

- Notebook or desktop computer with PCMCIA 2.1 Type II or III socket.
- Windows 95/98/Me/2000 or Windows XP (The Hot Insert/Remove function is reachable with these OS).
- Windows NT, or DOS/Windows 3.1 (These OS don’t support Hot Insert/Remove function).

PART NAMES AND FUNCTIONS

Your external hard disk may differ slightly from the figures shown, however the controls will operate as described below.

1. **LED:**

   Power-on and Data-access indicator LED.

2. **Interface Connector:**

   This interface connector connects to the PCMCIA interface cable.

3. **Power Source Switch:**

   PC: Means this hard disk is powered by the PCMCIA socket of computer.

   DC: Means this hard disk is powered by an external power source.

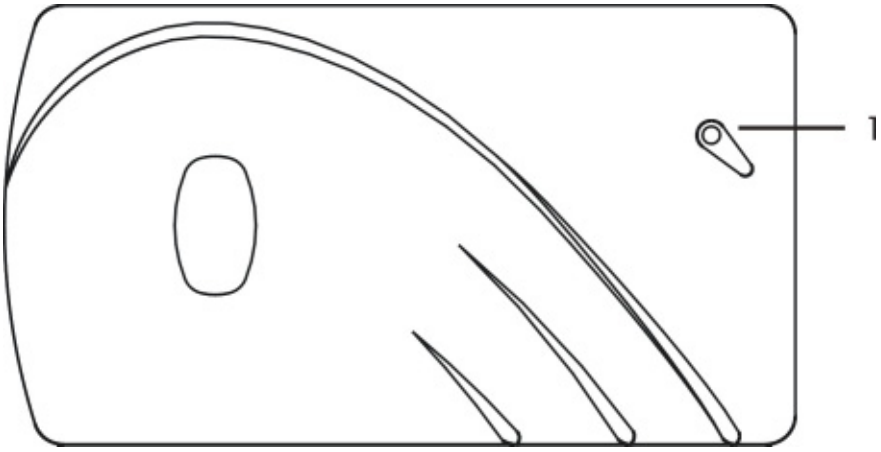
   Usually, when the external hard disk get the power from the PCMCIA socket of computer, and it should work properly. But, with some models of computer, the supplied power from the PCMCIA socket is poor to drives the hard disk drive. In this situation, an external power is needed. If you experience this problem, please contact dealer for the external power.

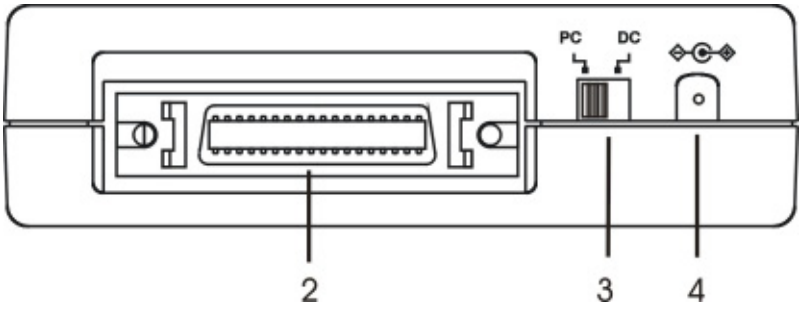
4. **External Power Jack:**

   This jack connects to an external power source.

   If the jack labeled as ‘5V’, you must use a 5Volts AC adapter or PS/2 power source cable as the external power source.

   If the jack labeled as ‘DC IN’, you must use a 12Volts AC adapter as the external power source.


1


PC
DC
2
3
4

HARDWARE INSTALLATION

Note:

- ***If you want to use an external power to powers the hard disk, please use the AC adapter or PS/2 power source cable provided by manufacturer, using an incorrect external power could result in permanent and unpredictable damage to the drive.***
- ***This external hard disk supports Hot Insert/Remove function only under Windows 95/98/Me/2000/XP, with the other operating systems, please insert the PC Card of interface cable before power-on computer, and remove this card after power-off computer.***

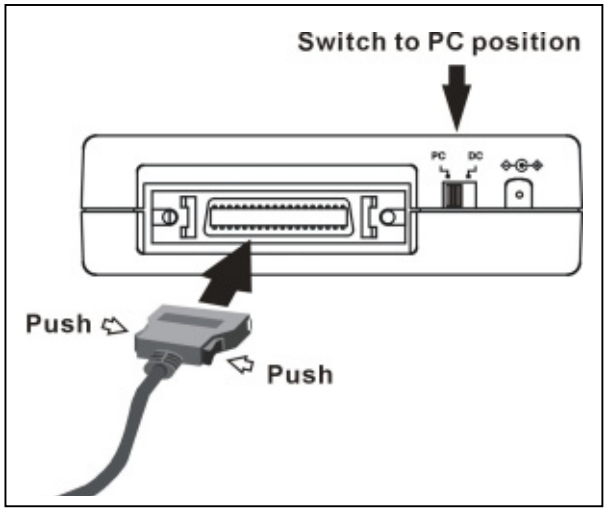
1. Insert the plug of the PCMCIA interface cable into the Interface Connector of drive. Press firmly until the interface connector is seated correctly.
2. **Make sure the Power Source Switch is at the correct position.**

   PC: get power from the PCMCIA socket of computer.

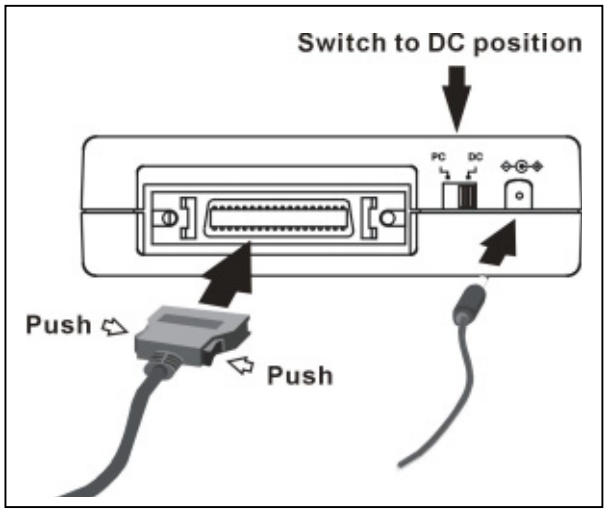
   DC: get power from the external power.

   Note: If you are using an external power to powers the external hard disk, the sequence is, change the Power Source Switch to 'DC' position, then connect the external power to the External Power Jack of the drive, and attach the external power to the outlet.
3. You are now ready to install the device drivers, please follow the related software installation guide to install the device driver.

Get power from PCMCIA socket



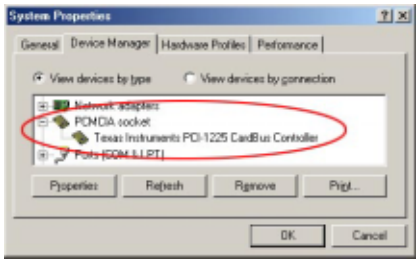
Get power from the external power



SOFTWARE INSTALLATION FOR WINDOWS 95/98

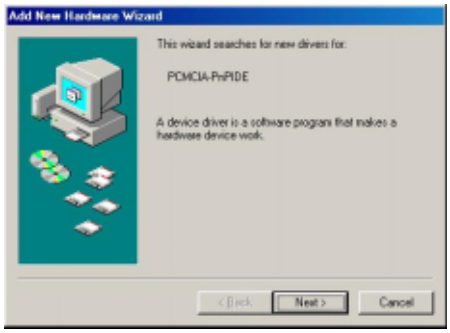
The following installation procedures are extracted from the Windows 98SE installation. The installation for Windows 95 is almost same.

1. Boot-up your computer into Windows, making sure the device driver for 'PCMCIA Socket' has been installed and is available. To check this, right-click 'My Computer', click 'Properties' and then 'Device Manager' to open the 'Device Manager' window. Refer to the figure shown alongside to see if the PCMCIA Controller is installed without error.



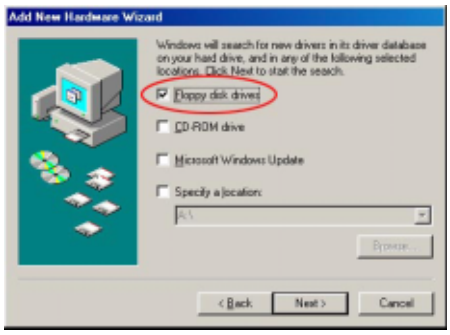
2. Ensure the PCMCIA interface cable and then the external power connections (if you are using the external power) are made as described in Hardware Installation. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated (Please note that the PC Card is keyed to guide for proper insertion).

3. If this is the very first time you are connecting the drive to computer, the 'Add New Hardware Wizard' dialog box appears as shown.

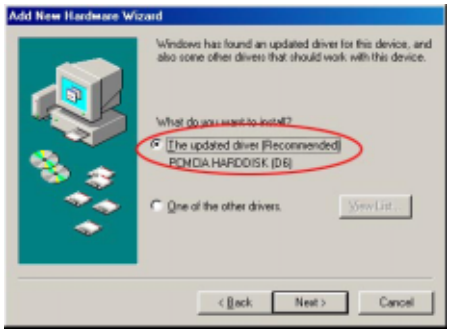

Add New Hardware Wizard
This wizard searches for new drivers for:
PCMCIA-PnPIDE
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

4. Click *Next*, then select 'Search for the best driver for your device' box, and click *Next*.

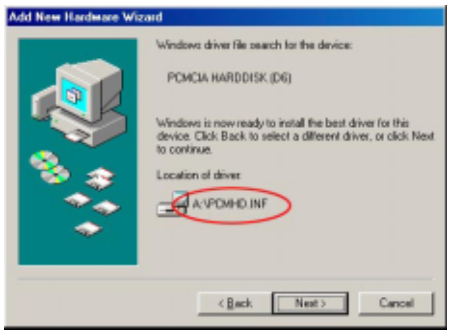
5. Select ‘Floppy disk drives’ box and insert the device driver diskette into floppy drive. Click *Next*.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
A:\
Browse...
< Back
Next >
Cancel

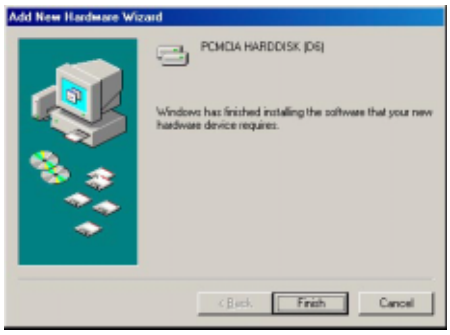
6. Wait for few seconds, Windows will find a driver from the floppy diskette, select ‘PCMCIA HARDDISK (D6)’, and click *Next*.


Add New Hardware Wizard
Windows has found an updated driver for this device, and also some other drivers that should work with this device.
What do you want to install?
The updated driver [Recommended]
PCMCIA HARDDISK (D6)
One of the other drivers
View List...
< Back
Next >
Cancel

7. Ensure the driver file that Windows found is ‘A:\ PCMHD.INF’. Click *Next*.


Add New Hardware Wizard
Windows driver file search for the device:
PCMCIA HARDDISK (D6)
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
A:\PCMHD.INF
< Back
Next >
Cancel

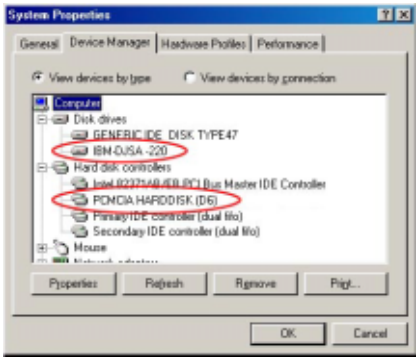
8. After the necessary files are copied into your internal hard disk, a screen will appear as the figure, click *Finish*.



9. Windows will complete the installation and then detect the hard disk drive inside the external hard disk kit and get it to work. After system read the content of the hard disk drive (about few seconds), you will find a new drive letter has been assigned for the drive in 'My Computer'.

10. If the external hard disk doesn't appear in 'My Computer' or doesn't work properly, please go into 'Device Manager' to check whether the devices are installed as the table and figure.

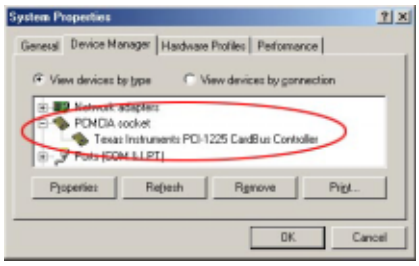
11. If the device driver already installed properly but the hard disk still not present in 'My Computer', it means the hard disk drive inside the kit is a whole new disk drive that doesn't contain any partition, Windows 95/98 won't assign a drive letter for the disk drive without any partition. Please refer to the 'Partition the External Hard Disk' chapter, to prepare your hard disk drive.



Installed Device Drivers	Location
PCMCIA HARDDISK (D6)	Installed under 'Hard Disk Controllers'.
The real name of the hard disk drive inside the kit	Installed under 'Disk Drives' (the name list in the figure may differ from your hard disk drive).

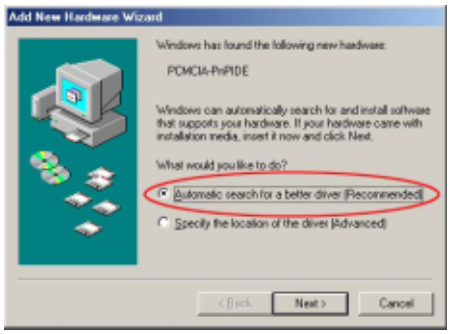
SOFTWARE INSTALLATION FOR WINDOWS Me

1. Boot-up your computer into Windows, making sure the device driver for 'PCMCIA Socket' has been installed and is available. To check this, right-click 'My Computer', click 'Properties' and then 'Device Manager' to open the 'Device Manager' window. Refer to the figure shown alongside to see if the PCMCIA Controller is installed without error.

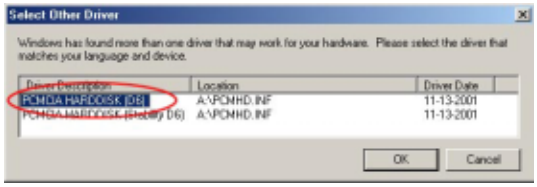


2. Ensure the PCMCIA interface cable and then the external power connections (if you are using the external power) are made as described in Hardware Installation. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated (Please note that the PC Card is keyed to guide for proper insertion).

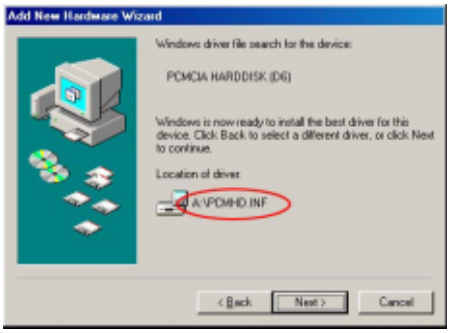
3. On the first screen, insert the device driver diskette into floppy drive, select 'Automatic search for a better driver (Recommended)', and then click *Next*.


Add New Hardware Wizard
Windows has found the following new hardware:
PCMCIA-PnPIDE
Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next.
What would you like to do?
Automatic search for a better driver (Recommended)
Specify the location of the driver (Advanced)
< Back
Next >
Cancel

4. Windows will find two driver files from the floppy diskette and list as the figure shown alongside. Select 'PCMCIA HARDDISK (D6)' and then click *OK*.



5. Ensure the driver file that Windows found is 'A:\ PCMHD.INF'. Click *Next*, Windows will install the driver from the diskette. After the necessary files are copied into your internal hard disk, a screen will appear as the figure shown on right, click *Finish*.

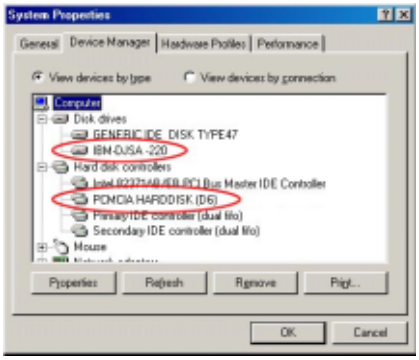

Add New Hardware Wizard
Windows driver file search for the device:
PCMCIA HARDDISK (D6)
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
A:\PCMHD.INF
< Back
Next >
Cancel

Add New Hardware Wizard
PCMCIA HARDDISK (D6)
Windows has finished installing the software you selected that your new hardware device requires.
< Back
Finish
Cancel

6. Windows will complete the installation and then detect the hard disk drive inside the external hard disk kit and get it to work. After system read the content of the hard disk drive (about few seconds), you will find a new drive letter has been assigned for the drive in 'My Computer'.

7. If the external hard disk doesn't appear in 'My Computer' or doesn't work properly, please go into 'Device Manager' to check whether the devices are installed as the table and figure.

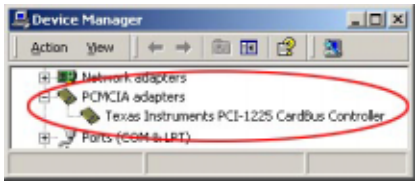
8. If the device driver already installed properly but the drive still not present in 'My Computer', it means the hard disk drive inside the kit is a whole new disk drive that doesn't contain any partition, Windows Me won't assign a drive letter for the disk drive without any partition. Please refer to the 'Partition the External Hard Disk' chapter, to prepare your drive.



Installed Device Drivers	Location
PCMCIA HARDDISK (D6)	Installed under 'Hard Disk Controllers'.
The real name of the hard disk drive inside the kit	Installed under 'Disk Drives' (the name list in the figure may differ from your hard disk drive).

SOFTWARE INSTALLATION FOR WINDOWS 2000

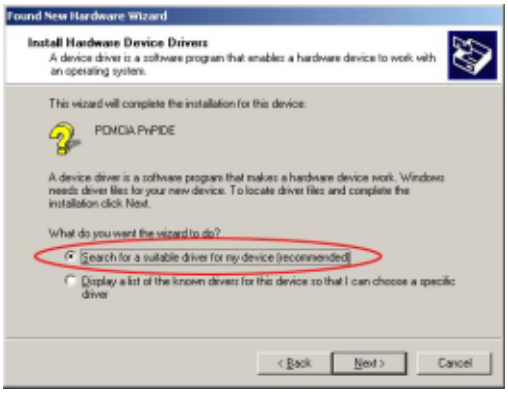
1. Boot-up your computer into Windows, making sure the device driver for 'PCMCIA Adapters' has been installed and is available. To check this, right-click 'My Computer', click 'Properties' then 'Hardware' and then 'Device Manager' to open the 'Device Manager' window. Refer to the figure shown alongside to see if the PCMCIA Controller is installed without error.



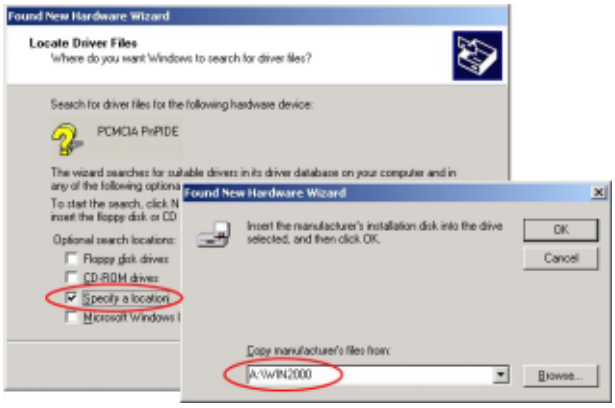
2. Ensure the PCMCIA interface cable and then the external power connections (if you are using the external power) are made as described in Hardware Installation. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated (Please note that the PC Card is keyed to guide for proper insertion).

3. Windows will find a new hardware named 'PCMCIA PnPIDE', and start up the 'Found New Hardware Wizard', click *Next* on the first screen.

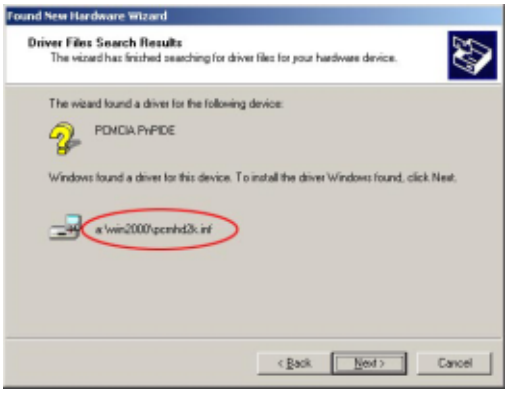
4. On this screen, select 'Search for a suitable driver for my device (Recommended)', click *Next*.


Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
PCMCIA PnPIDE
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

5. Insert the device driver diskette into floppy drive, only select ‘Specify a location’, leave the other check boxes be empty (don’t select them), and click *Next*. When the wizard asks for the path, type ‘A:\WIN2000’ in ‘Copy manufacturer’s files from’ location, click *OK*.


Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
PCMCIA PnPIDE
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Found New Hardware Wizard
Insert the manufacturer's installation disk into the drive selected, and then click OK.
OK
Cancel
Copy manufacturer's files from:
A:\WIN2000
Browse...

6. Wait for few seconds, Windows will find a driver from the floppy diskette, make sure the file that Windows found is ‘A:\Win2000\PCMHD2K.INF’. Click *Next*.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
PCMCIA PnPIDE
Windows found a driver for this device. To install the driver Windows found, click Next.
a:\win2000\pcmhd2k.inf
< Back
Next >
Cancel

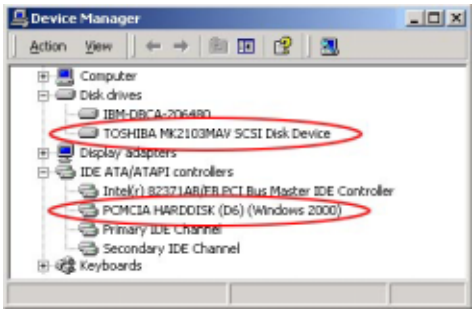
7. Click *Yes* on the ‘Digital Signature Not Found’ screen.

8. After the necessary files are copied into your internal hard disk, a screen will appear as the figure, click *Finish*.

Found New Hardware Wizard
Completing the Found New Hardware Wizard
PCMCIA HARDDISK (D6) (Windows 2000)
Windows has finished installing the software for this device.
To close this wizard, click Finish.
< Back
Finish
Cancel

9. Windows will complete the installation and then detect the hard disk drive inside the external hard disk kit and get it to work. After system read the content of the hard disk drive (about few seconds), you will find a new drive letter has been assigned for the drive in 'My Computer'.

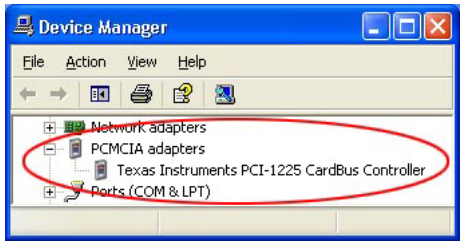
10. If the hard disk drive inside the kit is a whole new disk drive that doesn't contain any partition, you can't read/write data from/to it, please refer to the 'Partition the External Hard Disk' chapter, to prepare your hard disk drive.



Installed Device Drivers	Location
PCMCIA HARDDISK (D6) (Windows 2000)	Installed under 'IDE ATA/ATAPI Controllers'.
The real name of the hard disk drive inside the kit	Installed under 'Disk Drives' (the name list in the figure may differ from your hard disk drive).

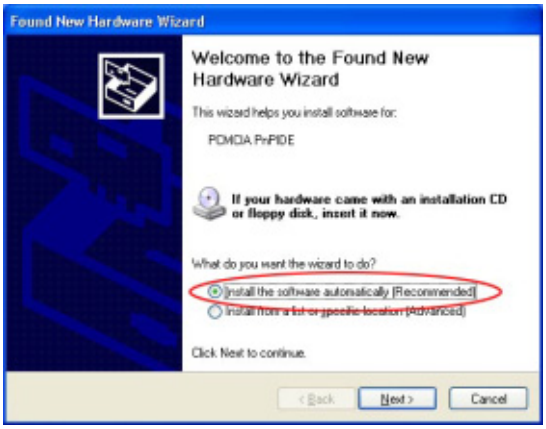
SOFTWARE INSTALLATION FOR WINDOWS XP

1. Boot-up your computer into Windows, making sure the device driver for 'PCMCIA Adapters' has been installed and is available. To check this, right-click 'My Computer', click 'Properties' then 'Hardware' and then 'Device Manager' to open the 'Device Manager' window. Refer to the figure shown alongside to see if the PCMCIA Controller is installed without error.

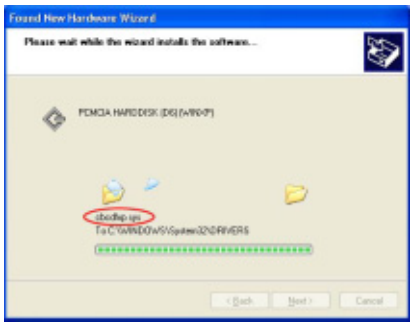


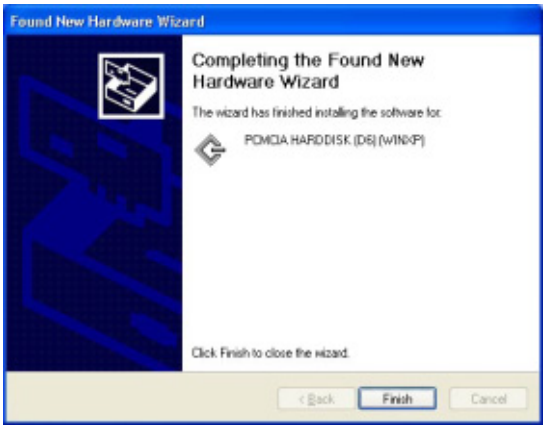
2. Ensure the PCMCIA interface cable and then the external power connections (if you are using the external power) are made as described in Hardware Installation. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated (Please note that the PC Card is keyed to guide for proper insertion).

3. Windows will find a new hardware named 'PCMCIA PnPIDE', and start up the 'Found New Hardware Wizard'. On the first screen, select 'Install the software automatically', insert the driver diskette into floppy drive, and then click *Next*.


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
PCMCIA PnPIDE
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Click Next to continue.
< Back
Next >
Cancel

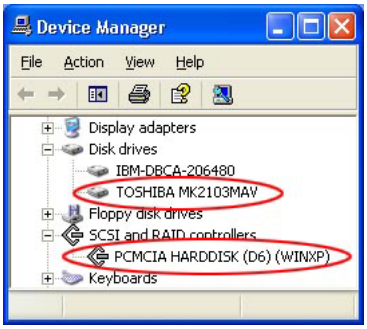
4. Wait for few seconds, Windows will find device driver from the diskette and install it automatically. After the necessary files are copied into your internal hard disk, a screen will appear as the figure shown on right, click *Finish*.




Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
PCMCIA HARDDISK (D6) (WINXP)
Click Finish to close the wizard.
< Back
Finish
Cancel

5. Windows will complete the installation and then detect the hard disk drive inside the external hard disk kit and get it to work. After system read the content of the hard disk drive (about few seconds), you will find a new drive letter has been assigned for the drive in 'My Computer'.

6. If the hard disk drive inside the kit is a whole new disk drive that doesn't contain any partition, you can't read/write data from/to it, please refer to the 'Partition the External Hard Disk' chapter, to prepare your hard disk drive.



Installed Device Drivers	Location
PCMCIA HARDDISK (D6) (WINXP)	Installed under 'SCSI and RAID Controllers'.
The real name of the hard disk drive inside the kit	Installed under 'Disk Drives' (the name list in the figure may differ from your hard disk drive).

SOFTWARE INSTALLATION FOR WINDOWS NT

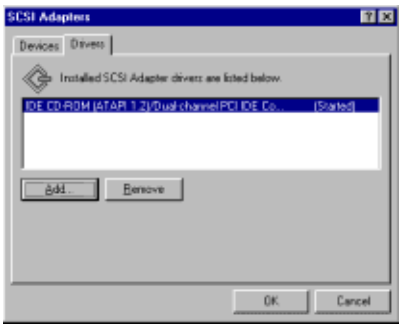
Note:

- ***Make sure the Windows NT system is version 3.51 or higher.***
- ***Since Windows NT does not support 'Hot Insert/Remove' feature, this external hard disk should be connected to computer prior to starting Windows NT. Likewise, do not remove this drive before you shut down the computer.***
- ***In Windows NT, the I/O and IRQ settings of PCMCIA IDE device cannot be changed. Therefore, if the setting of this hard disk conflicts with other device, change the I/O or IRQ of other device to avoid conflicts.***
- ***We recommend you install a Card Service program, e.g. SystemSoft's CardWizard for Windows NT. This kind of program will help Windows NT to assign resource for PCMCIA device properly, and reduce the conflict situation.***

1. Do not connect the external hard disk to computer, just power-on the computer and boot into Windows.

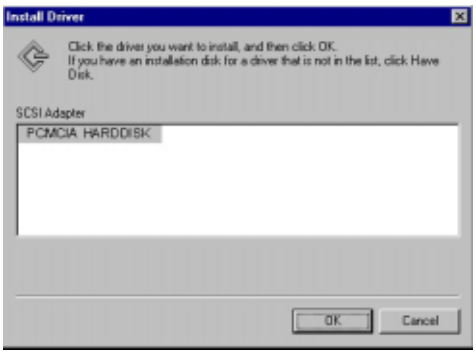
2. Click on Start ⇨ Settings ⇨ Control Panel ⇨ SCSI Adapter. The 'SCSI Adapter' dialog box appears.

3. Click *Drivers* tab, and then click *Add* button.



4. Click *Have Disk* button to continue. Windows NT will then prompt you to insert the manufacturer's driver diskette. Insert the device driver diskette into floppy drive. Specify the directory as A:\WINNT (or B:\WINNT whichever contains the diskette) and click *OK*.

5. Select ‘PCMCIA HARDDISK’ and then click *OK*.


Install Driver
Click the driver you want to install, and then click OK.
If you have an installation disk for a driver that is not in the list, click Have Disk.
SCSI Adapter
PCMCIA HARDDISK
OK
Cancel

6. Follow the on-screen instruction to continue. After the installation is complete, Windows will prompt you to restart to activate the new device driver. Restart and power-off the computer.

7. Ensure the PCMCIA interface cable and then the external power connections (if you are using the external power) are made as described in Hardware Installation. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated (Please note that the PC Card is keyed to guide for proper insertion).

8. Power-on the computer, after boot into Windows, the external hard disk will be assigned a drive letter in ‘My Computer’, the drive is ready for use.

SOFTWARE INSTALLATION FOR DOS/WINDOWS 3.1

Automatic Installation

Follow the instructions below to proceed with automatic installation.

1. Insert the device driver diskette into a floppy disk drive on your computer.

2. Change the working directory to the floppy drive containing the device driver diskette by typing **A:** then press *ENTER*.

3. At the DOS prompt (A:\>), type **INSTALL** followed by the *ENTER* key.

4. Press *ENTER* or click *OK* button to continue. The screen will display as the following:

   1) **Directory to install driver:** Type the directory that you want the driver files are copied to, and then press the *TAB* key to forward to the next field.
   2) **Set I/O port to:** The default setting is 320-32F.

5. After completing the selection, press *TAB* key to the Install button, and press *ENTER* to continue.

6. The rest of the installation should proceed automatically, the CONFIG.SYS file on your computer will be updated automatically.

7. Reboot your computer and the hard disk drive will be recognized automatically.

Manual Installation

You may also manually install the external hard disk device driver.

Note: The filename of the DOS device driver is different with the different version of driver package, it could be ARIHD.EXE or NVIHD.EXE. However, you can find this driver in the root folder of the diskette, the filename will be present as xxxHD.EXE. The following example is assumed the filename is NVIHD.EXE, replace the filename if you get the different driver file.

1. Copy the file NVIHD.EXE from the device driver diskette to a directory in your main hard disk (e.g. C\PCMHD).

2. Add the following line to the BOTTOM of your CONFIG.SYS file:

   DEVICE=*drive:\path* **NVIHD.EXE /P:320**

   Where *drive:\path* specifies the directory containing NVIHD.EXE.

   /P is used to set the I/O ports, and the valid numbers are 320, 340, and 360.

   Note: If your CONFIG.SYS file is already loaded with PCMCIA software, such as Cardsoft of SystemSoft or Cardtalk of Databook, it is necessary to add the above line after the PCMCIA software. Otherwise, the PCMCIA interface card will not be initialized properly.

   The CONFIG.SYS file example:

   ```
   LASTDRIVE=Z
   DEVICE=C:\DOS\HIMEM.SYS
   DEVICE=C:\DOS\EMM386.EXE NOEMS X=D000-D3FF
   FILES=40
   BUFFERS=20
   Rem  put PCMCIA software here.
   DEVICE=C:\PCMHD\NVIHD.EXE /P:320
   ```

5. Reboot your computer to activate the external hard disk drive.

USING HARD DISK WITH PCMCIA INTERFACE

To Connect The PCMCIA Hard Disk To Your Computer

- **Windows 95/98/Me/2000, and WindowsXP:**

1. Boot into the Windows system.
2. Insert the plug of the PCMCIA interface cable into the Interface Connector of drive.
3. **Make sure the Power Source Switch is at the correct position:**

   PC: get power from the PCMCIA socket of computer.

   DC: get power from the external power.
4. If you are using the external power, connect the external power to the External Power Jack at the rear panel of the drive. And then attach the external power to the outlet.
5. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated. Your external hard disk is now ready for use in few seconds.

- **Windows NT, and DOS/Windows 3.1:**

1. Power-off the computer.
2. Insert the plug of the PCMCIA interface cable into the Interface Connector of drive.
3. **Make sure the Power Source Switch is at the correct position:**

   PC: get power from the PCMCIA socket of computer.

   DC: get power from the external power.
4. If you are using the external power, connect the external power to the External Power Jack at the rear panel of the drive. And then attach the external power to the outlet.
5. Slowly insert the PC Card of interface cable into the PCMCIA socket of computer and press firmly until the connector is seated.
6. Power-on computer, the external hard disk will ready for use after boot into the operating system.

To Disconnect The PCMCIA Hard Disk From Your Computer

- **Windows 95/98, and Windows Me:**

1. Click on the icon (or) on system tray and a dialog box appears beside this icon.
2. Click 'Stop PCMCIA HARDDISK (D6)' in the dialog box.
3. Wait for few seconds until the system prompts 'The PCMCIA HARDDISK (D6) can now be safely removed from the system'. Click *OK*, and then remove the PC Card of the cable from computer.

- **Windows 2000:**

1. Click on the icon on system tray and a dialog box appears beside this icon.
2. Click 'Stop PCMCIA HARDDISK (D6) (Windows 2000)' in the dialog box.
3. Wait for few seconds until the system prompts 'The PCMCIA HARDDISK (D6) (Windows 2000) can now be safely removed from the system'. Click *OK*, and then remove the PC Card of the cable from computer.

- **Windows XP:**

1. Click on the icon on system tray and a dialog box appears beside this icon.
2. Click 'Safely remove PCMCIA HARDDISK (D6) (WINXP)' in the dialog box.
3. Wait for few seconds until system prompts 'The PCMCIA HARDDISK (D6) (WINXP) can now be safely removed from the system', and then remove the PC Card of the cable from computer.

- **Windows NT, and DOS/Windows 3.1:**

1. Power-off the computer.
2. Remove the PC Card of the cable from computer.

ADVANCED USAGE

- ***Partition the External Hard Disk***
- ***Change the Drive Letter Assigned to HDD***

PARTITION THE EXTERNAL HARD DISK

Using FDISK Under Windows 98SE/Me

FDISK is a program to create one or more partitions of the hard disk, after the partition was built and formatted, data can be write to the hard disk.

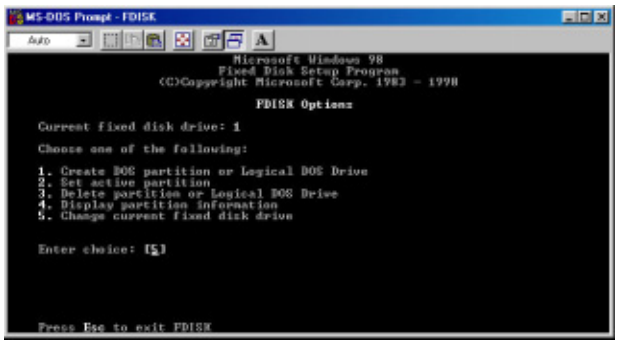
To partition the external hard disk, you must execute FDISK under the MS-DOS mode under Windows 98SE/Me, please follow the steps:

1. Boot-up the computer into Windows 98SE/Me system. Plug the external hard disk to computer, and make sure it is recognized.
2. Go into the MS-DOS mode by click on Start ⇨ Programs ⇨ MS-DOS Prompt.
3. At the DOS prompt, type 'FDISK' and press *Enter*.
4. In the first screen of FDISK, answer the question: Do you want to enable large disk support?

   Y if you want to create a partition larger than 2GB (FAT32).

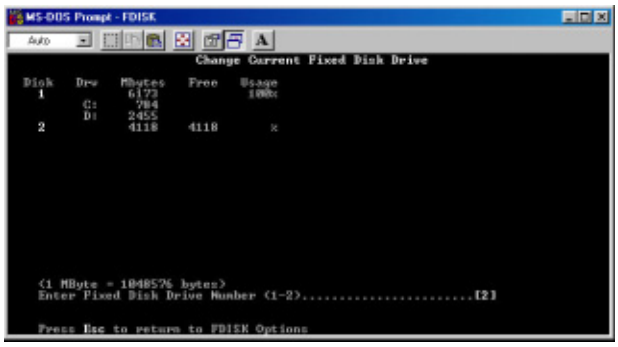
   N if you want to create a partition small than 2GB (FAT16).
5. The next screen is 'FDISK OPTIONS',

   IMPORTANT: you must type 5 on this screen to change the current fixed disk drive, the default fixed drive set by FDISK is your internal hard disk, if you don't change it to the external hard disk, the data of your internal hard disk will be destroyed.


MS-DOS Prompt - FDISK
Microsoft Windows 98
Fixed Disk Setup Program
(C)Copyright Microsoft Corp. 1983 - 1998
FDISK Options
Current fixed disk drive: 1
Choose one of the following:
1. Create DOS partition or Logical DOS Drive
2. Set active partition
3. Delete partition or Logical DOS Drive
4. Display partition information
5. Change current fixed disk drive
Enter choice: [5]
Press Esc to exit FDISK

Note: If the option 5 doesn't appear on this screen means the external hard disk is not installed properly, please check with the software installation.

6. In the ‘Change Current Fixed Disk Drive’ screen, type the disk drive number that assigned to the external hard disk (usually, the external hard disk is the fixed disk drive number 2).

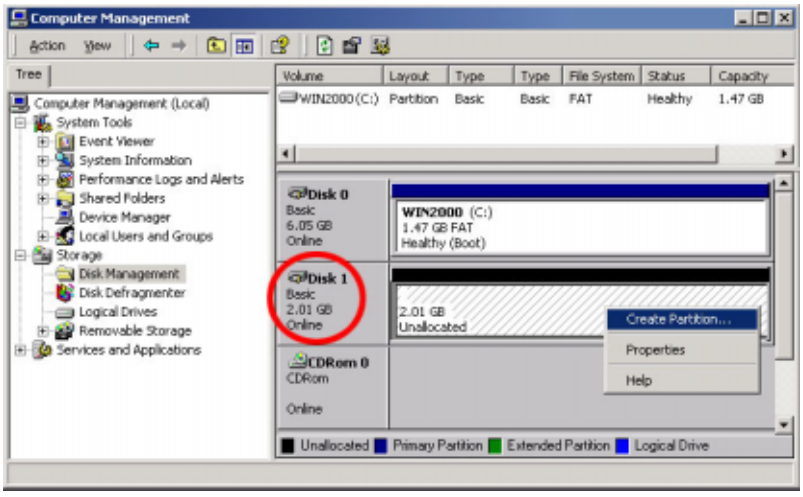

MS-DOS Prompt - FDISK
Auto
Change Current Fixed Disk Drive
Disk Drv Mbytes Free Usage
1 6173 100%
C: 784
D: 2455
2 4118 4118 0%
(1 MByte = 1048576 bytes)
Enter Fixed Disk Drive Number (1-2).....[2]
Press Esc to return to FDISK Options

7. Back to ‘FDISK OPTIONS’ screen, type ***4*** to display the content of the fixed disk drive, check the content to make sure the current drive is the external hard disk.
8. Now you can create (type ***1***) or delete (type ***3***) the partition of the external hard disk.
9. After you finish FDISK, re-boot computer to activate these changes.

Using Disk Management Under Windows 2000/XP

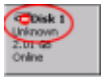
Note: The external hard disk can't works with 'Dynamic Disk' type. Do not upgrade the external hard disk to 'Dynamic Disk' type, always use it with 'Basic Disk' type.

1. To partition the external hard disk under Windows 2000 or Windows XP, please plug the external hard disk and make sure it is recognized, then,
   - In Windows 2000: click Start ⇨ Settings ⇨ Control Panel ⇨ Administrative Tools ⇨ Computer Management to open 'Computer Management' window.
   - In Windows XP: click Start ⇨ Control Panel ⇨ Performance and Maintenance ⇨ Administrative Tools ⇨ Computer Management to open 'Computer Management' window.
2. Click on 'Disk Management' on the left part of this window, all connected disk drives will be listed in the right part. Find out the largest number of Disk #, for example, on the below picture, Disk 1 is the largest number, and it is the external hard disk. On the right side of the Disk 1 is the status of the partitions of this disk drive, you can create a new or delete an exist partition by right-click on this area. The next steps will describe how to create a new partition on this external hard disk.



Note:

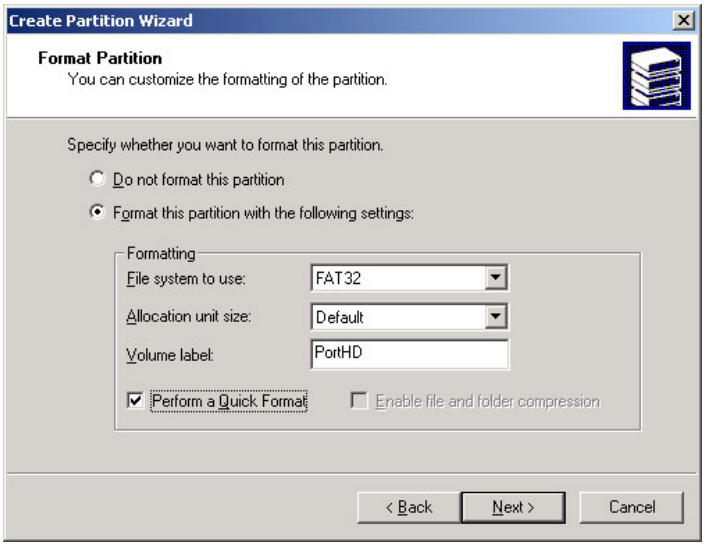
If the hard disk in the external hard disk kit is a whole new hard disk without any partition, when the Disk Management is opened, a 'Stop' mark indicates this drive is an 'Unknown' type of disk (refer to the figure shown on right side). In



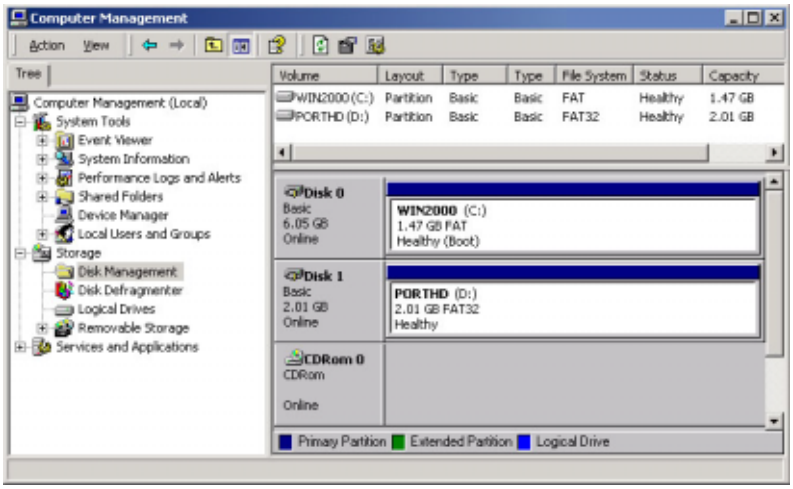
this situation, Windows system won't allow you to create partition with this drive. In the meantime, you can:

- ***In Windows 2000: Windows will start up the 'Write Signature and Upgrade Disk Wizard' immediately. You can use this 'Wizard' to initial the hard disk to the 'Basic Disk' type and can then create partition in the drive.***
- ***In Windows XP: you can right-click on the 'Stop' mark, and then click 'Initialize disk' to initial the hard disk to the 'Basic Disk' type and can then create partition in the drive.***

3. If the type of the hard disk drive is 'Dynamic', you must change it to the 'Basic'. To do this, right-click on the status area (left area) of Disk 1, and then click 'Revert to Basic Disk' from the options. Wait for few seconds, the type of the hard disk drive will be changed to 'Basic' type.
4. To create a new partition in the external hard disk, right-click on the right area of Disk 1, click on 'Create Partition…', the 'Create Partition Wizard' appears, click *Next*.
5. Select 'Primary partition', click *Next*.
6. Specify the size that you want this partition to be, click *Next*.
7. Assign a drive letter for this partition, please use the default value, and click *Next*.
8. Refer to the figure shown below, select 'Format this partition with the following settings', choose the File system, and specify a name for the Volume label, select 'Perform a Quick Format', then, click *Next*.



9. Click *Finish*, now the formatting is proceed, after the process is done, the 'Disk Management' window is changed as below. Make sure the status of the partition is 'Healthy'.

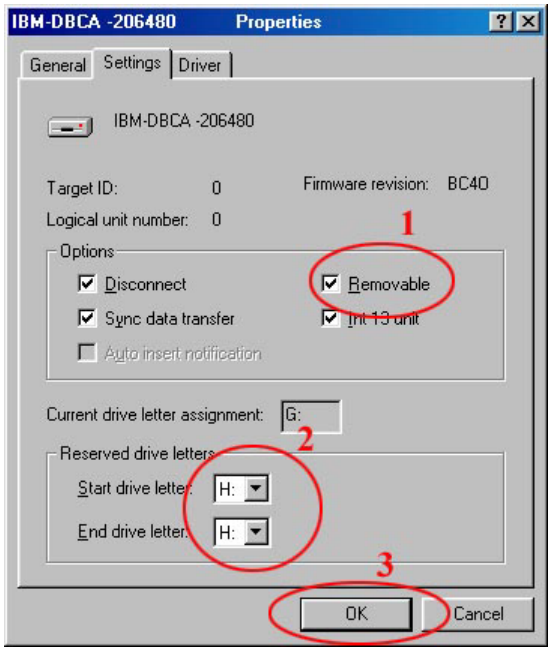


10. Now, a partition is created in the external hard disk, you can write data to it, and if you want, one or more partitions can be created in the same hard disk drive, just repeat the above steps.

CHANGE THE DRIVE LETTER ASSIGNED TO HDD

To change the drive letter for the external hard disk under Windows 98SE or Me, for example, from drive ‘D’ to drive ‘E’, follow the instructions below.

1. Open ‘Control Panel’, then ‘System’, click on ‘Device Manager’ tab, double click on ‘Disk Drives’, select the model of the external hard disk, then click on ‘Properties’ button.
2. Click on ‘Settings’ tab, check the ‘Removable’ box under ‘Options’, then change the ‘Start drive letter’ and the ‘End drive letter’ to the letter you wish to assign for the hard disk.
3. Click *OK*, the drive letter will be changed after restart computer.



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